

1AP15 Rec'd PCT/PTO 20 SEP 2006

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| <p>NATIONAL PHASE UTILITY APPLICATION Transmittal to the (DO/EO/US) Under 35 USC 371</p> | <p>Attorney Docket No.: VTOB.302NP First Named Inventor: Ellen D. JORGENSEN Int'l Application No.: PCT/US2005/010733 Int'l Filing Date: March 29, 2005 Priority Date Claimed: March 30, 2004 Title: GLOBAL GENE EXPRESSION ANALYSIS OF HUMAN BRONCHIAL EPITHELIAL CELLS EXPOSED TO CIGARETTE SMOKE, SMOKE CONDENSATES, OR COMPONENTS THEREOF Express Mail Label No.: EV 466898678 US</p> |
| <p>Direct all correspondence to Customer No.: 20995 Date: September 20, 2006 Page 1 of 2</p> | |

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The following enclosures are transmitted herewith to be filed in the patent application of:

Inventors:

1. Ellen D. JORGENSEN
2. Anthony P. ALBINO
3. Wendy JIN

APPLICATION ELEMENTS:

- (X) This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
- (X) A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) is attached hereto.
- (X) An English translation of the International Application as filed is not required.
- (X) Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) have not been and will not be made.

OTHER APPLICATION PARTS:

- (X) Preliminary Amendment in 3 pages.
- (X) Sequence Submission Statement in 1 pages, and
- (X) Sequence Listing in CRF
- (X) Declaration by Inventors (UNSIGNED)
- (X) Return prepaid postcard.

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| NATIONAL PHASE UTILITY APPLICATION Transmittal to the (DO/EO/US) Under 35 USC 371 | Attorney Docket No.: VTOB.302NP First Named Inventor: Ellen D. JORGENSEN Int'l Application No.: PCT/US2005/010733 Int'l Filing Date: March 29, 2005 Priority Date Claimed: March 30, 2004 Title: GLOBAL GENE EXPRESSION ANALYSIS OF HUMAN BRONCHIAL EPITHELIAL CELLS EXPOSED TO CIGARETTE SMOKE, SMOKE CONDENSATES, OR COMPONENTS THEREOF Express Mail Label No.: EV 466898678 US |
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Date: September 20, 2006
Page 2 of 2

FILING FEES:

| FEE CALCULATION | | | | |
|--|----------------|--------------|----------------------|----------------|
| FEE TYPE & DETERMINATION | | LARGE FEE | CALCULATION | TOTAL |
| Basic Filing Fee under 1.492(a) | | 1631 (\$300) | | \$300 |
| Search Fee under 1.492(b) (enter one in TOTAL column) | | | | |
| (1) USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4) | | 1640 (\$0) | | \$100 |
| (2) USPTO was the ISA | | 1641 (\$100) | | |
| (3) Foreign Search Report Enclosed | | 1642 (\$400) | | |
| (4) No Search Report Enclosed | | 1632 (\$500) | | |
| Examination Fee under 1.492(c) (enter one in TOTAL column) | | | | |
| (1) USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4) | | 1643 (\$0) | | \$0 |
| (2) Non US IPEA or Noncompliant Claims | | 1633 (\$200) | | |
| Excess Claims | 52 - 20 = 32 | 1615 (\$50) | 32 x 50 = | \$1,600 |
| Excess Ind. Claims | 4 - 3 = 1 | 1614 (\$200) | 1 x 200 = | \$200 |
| Application Size Fee | 172 - 100 = 72 | 1681 (\$250) | 2 x 250 = | \$500 |
| | | | TOTAL FEE DUE | \$2,700 |
| TOTAL FEE PAID (If Different Than Fee Due) | | | | \$2,700 |

(X) A check in the amount of **\$2,700** to cover the Total Fee Due is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.


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10/5/2006

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10/5/2006 20 SEP 2006

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Attorney Docket No. : VTOB.302NP
Applicant(s) : Ellen D. JORGENSEN et al.
For : GLOBAL GENE EXPRESSION ANALYSIS
OF HUMAN BRONCHIAL EPITHELIAL
CELLS EXPOSED TO CIGARETTE SMOKE,
SMOKE CONDENSATES, OR
COMPONENTS THEREOF
Attorney : Kerry Taylor
"Express Mail" Label No. : EV 466898678 US
Date of Deposit : September 20, 2006

The following documents are hereby placed into an Express Mail envelope bearing the number indicated above, which envelope is being deposited today with the U.S. Postal Service as Express Mail:

Transmittal letter; International Application without International Search Report in 173 pages (including Specification in 151 pages, 13 sheets of Drawings and Sequence Listing in 8 pages); Preliminary Amendment in 3 pages; Sequence Submission Statement; Sequence Listing in computer readable format; UNSIGNED Declaration by Inventors in 2 pages; Check(s) for Filing Fee(s); Return Prepaid Postcard.

The envelope, with the enclosures listed above, is addressed the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

This submission is being made in compliance with 37 CFR 1.10.


Name: Nicole Laver
Docketing Agent

2940114/ck/091906

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